CLAIM AMENDMENT

1. (currently amended) A method for the controlled delivery of digital services ~~within~~ in a plurality of providers (SP) ~~and~~ to a user~~s~~ (U), wherein said services are identified by respective stream of encoded digital data emitted by said providers (SP) and the user~~s~~ ~~are~~ is provided with a receiver (STB) to receive said digital data streams from said providers, the receiver being selectively enabled to make use of determined services of a given provider ~~through a respective user unit (105)~~, the method comprising the steps of:

incorporating into said digital data streams respective enabling ~~at least one~~ algorithms to be selectively loaded into a single removable user unit (105) to be associated to said receiver (STB) for enabling the use of respective determined services (TMW2) of said plurality of providers,

incorporating into said digital data streams a respective identifying code (EMM) for ~~each~~ the user (U) to be enabled to receive ~~a certain service~~ said determined services,

associating to said single removable user unit (105) a processing function (VM) capable of recognizing and executing said ~~at least one~~ enabling algorithm by exploiting said identifying code to enable the receiver (STB) of the ~~respective~~ user to make use of said ~~service~~ determined services.

2. (currently amended) The method according to claim 1, which comprises the step of configuring said single removable user unit (105) as a movable processing support uniquely assigned to ~~one~~

~~of~~ said user~~s~~ (1) ~~and arranged to be selectively associated to said receiver (STB), said receiver (STB) being of a generalized type common to multiple users of said plurality (U)~~.

3. (currently amended) The method according to claim 2 which comprises the step of configuring said single removable user unit (105) ~~movable processing support~~ as a smart card.

4. (currently amended) The method according to claim 3 which comprises the steps of:

associating to said receiver (STB) a trusted middleware (TMW) function,

configuring said trusted middleware function into a static part (TMWI), residing on said receiver (STB), and a dynamic part (TMW2) arranged to be selectively transferred onto said single removable user unit (105) in view of the execution of said ~~at least one~~ respective enabling algorithm by said processing function (VM).

5. (currently amended) The method according to claim 3 which comprises the steps of:

configuring said digital data streams as MPEG data streams containing EMM messages,

inserting said identifying code in to the EMM messages,

activating, through said single removable user unit (105) and upon reception of said ~~at least one~~ single removable algorithm, the performance of the following functions:

extracting, reading and deciphering the EMM messages contained in the digital data stream received,

interpreting said identification code contained in the EMM messages,

executing said ~~at least one~~ enabling algorithm by exploiting said identification code.

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6. (currently amended) The method according to claim 3 wherein said ~~at least one~~ enabling algorithm is incorporated in to a stream of private data within said digital data stream.

7. (currently amended) The method according to claim 3 wherein, upon reception of said ~~at least one~~ enabling algorithm, said processing function (VM) enables said receiver to operation as transmitters to transmit information about the delivery of the service itself.

8. (currently amended) A system for the controlled delivery of digital services by a plurality of providers (SP) to a ~~plurality of~~ user~~s~~ (U), wherein said services are identified by respective coded digital data streams delivered by ~~at least one device for at least one service provider said providers~~ (SP) and the user~~s are~~ is provided with ~~at least one~~ a receiver (STB) ~~for at least one user~~ to receive said digital data streams by said plurality of providers, the receiver being selectively enabled to make

use of determined services of a given provider ~~through a respective user unit (105)~~, wherein:

said providers (SP) are arranged to incorporate into ~~the respective~~ said digital data streams ~~at least one~~ respsective enabling algorithms ~~for~~ to be selectively loaded into a single removable user unit (105) to be associated to said receiver (STB) for enabling use of respective determined services of said plurality of providers, as well as ~~to incorporate into said digital data streams~~ a respective identification code (TMW2) ~~for each~~ of the user (U) to be enabled to receive ~~a~~ said determined services, and

said single removable user units (105) ~~have~~ has associated thereto a processing function (VM) arranged to recognize and execute said ~~at least one~~ enabling algorithm on the basis of said identifying code, to enable the receiver (STB) of the ~~respective~~ user to make use of said determined services.

9. (currently amended) The system according to claim 8 wherein said single removable user unit~~s~~ (105) ~~are~~ is configured as a removable processing support~~s~~ uniquely assigned ~~each~~ to ~~one of~~ said user~~s~~ (~~1~~U) ~~and arranged to be selectively associated to said receiver, said receiver being of a generalized type common to multiple users of said plurality (U)~~.

10. (currently amended) The system according to claim 9 wherein said ~~movable processing supports are~~ single removable user unit is configured as a smart card~~s~~.

11. (currently amended) The system according to claim 8 , wherein:

said receiver has associated thereto a trusted middleware function (TMW) configured in a static part (TMW1), residing on said receiver (STB), and in a dynamic part (TMW2) arranged to be selectively transferred on the ~~respective~~ single removable user unit (105) in view of the execution of said ~~at least one~~ enabling algorithm by said processing function (VM).

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12. (previously presented) The system according to claim 8 wherein said service providers emit said digital data streams as MPEG data streams containing EMM messages with said identifying code inserted in said EMM messages, and said receiver comprises:

modules for extracting, reading and deciphering the EMM messages contained in the received digital data stream,

modules (103, 104) for interpreting said identifying code contained in the EMM messages, and

processing modules (VM) to execute said at least one enabling algorithm on the basis of said identifying code.

13. (currently amended) The system according to claim 8 wherein said service providers incorporate said ~~at least one~~ enabling algorithm into a stream of private data within said data streams.

14. (currently amended) The system according to claim 13 wherein the receiver can be activated by said single removable user unit (105) upon reception of said ~~at least one~~ enabling algorithm for operation as a transmitters to transmit information about the delivery of the service itself.

15. (currently amended) The system according to claim 8 wherein said single removable user unit (105) is configured as a Java Card.